

REPLACEMENT SHEET 1 OF 1

ABSTRACT

An electrochemical device for moving particles covered with a protein is provided. The device includes at least two electrodes that are in contact with a liquid containing the protein-covered particles and a circuit that generates a potential difference in a range that does not cause electrolysis of the liquid between the electrodes. The particles are moved by electrophoresis in the direction of the arrangement of the electrodes. The invention provided herein has numerous applications, including use in a microorganism concentration condensing device, a blood component induction device, and/or a blood component induction method, and/or an electric appliance that decreases the concentration of microorganisms present on the surface of a heat exchanger.